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[Karen A. Frenkel / Gordon Bell](#)
October 1995 **interactions**, Volume 2 Issue 4

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[Ken Perlin, David Fox](#)
September 1993 **SIGGRAPH '93**: Proceedings of the 20th annual conference techniques

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3 [Fast detection of communication patterns in distributed executions](#)

[Thomas Kunz, Michael E. H. Seuren](#)
November 1997 **CASCON '97**: Proceedings of the 1997 conference of the C Collaborative research

Publisher: IBM Press

Full text available: [Pdf](#) (4.21 MB)

Additional Information: [full citation](#), [abstr](#)

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Understanding distributed applications is a tedious and difficult task. Vis diagrams are often used to obtain a better understanding of the executi tool we use is Poet, an event ...

4 [Creating creatively: user interfaces for supporting innovation](#)

[Ben Shneiderman](#)
March 2000 **Transactions on Computer-Human Interaction (TOCHI)**

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (934.75 KB)

Additional Information: [full citation](#), [abstr](#)

Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 532, Downl

A challenge for human-computer interaction researchers and user interf technologies that support creativity. This ambitious goal can be attainec

understanding of creative processes. ...


Keywords: creativity support tools, direct manipulation, graphical user information visualization

5 [Effects of alternate representations of evidential relations on collabor](#)

[Daniel D. Suthers](#)

December 1999 **CSCL '99**: Proceedings of the 1999 conference on Comput

Publisher: International Society of the Learning Sciences

Full text available:  [Pdf](#) (130.99 KB)

Additional Information: [full citation](#), [abstr](#)

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Over the past decade or so, a number of software environments have b in collaborative investigations in science (e.g., Belvedere, CoVis, CSILE, environments have used a variety ...


Keywords: HCI, discourse analysis, representational tools

6 [Analysis of navigation behaviour in web sites integrating multiple infc](#)

[Bettina Berendt](#), [Myra Spiliopoulou](#)

March 2000 **The VLDB Journal — The International Journal on Very I**

Publisher: Springer-Verlag New York, Inc.

Full text available:  [Pdf](#) (281.14 KB)


Additional Information: [full citation](#), [abstr](#)

Bibliometrics: Downloads (6 Weeks): 37, Downloads (12 Months): 115, Downl

The analysis of web usage has mostly focused on sites composed of con amounts of information available in the web come from databases or of the users in the form of dynamically ...


Keywords: Conceptual hierarchies, Data mining, Query capabilities, We usage mining

7 [Finding refactorings via change metrics](#)

 [Serge Demeyer](#), [Stéphane Ducasse](#), [Oscar Nierstrasz](#)

October 2000 **OOPSLA '00**: Proceedings of the 15th ACM SIGPLAN confere systems, languages, and applications

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (121.83 KB)

Additional Information: [full citation](#), [abstr](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 99, Downloa

Reverse engineering is the process of uncovering the design and the de system. Reverse engineering is an integral part of any successful softwa requirements lead to implementations ...

Keywords: metrics, object-oriented frameworks, refactoring, reverse e

Also published in:

October 2000 **SIGPLAN Notices** Volume 35 Issue 10

8 On the effective use and reuse of HCI knowledge

 Alistair Sutcliffe

June 2000

Transactions on Computer-Human Interaction (TOCHI)

Publisher: ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (245.10 KB)

Additional Information: [full citation](#), [abstract](#), [by](#), [index terms](#), [etc.](#)

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 377, Download

The article argues that new approaches for delivering HCI knowledge from the new millennium. First the role of theory in HCI design to date is reviewed in the light of cognitive theories of interaction ...


9 The reuse of uses in Smalltalk programming

 Mary Beth Rosson, John M. Carroll

September 1996

Transactions on Computer-Human Interaction (TOCHI)

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (1.02 MB)


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Software reuse, a long-standing and refractory issue in software technology, is an advantage of the object-oriented programming paradigm. We report on programmers reusing user interface ...

Keywords: Smalltalk, debugging into existence, example-based learning


10 Constructing, organizing, and visualizing collections of topically related information

 Loren Terveen, Will Hill, Brian Amelio

March 1999

Transactions on Computer-Human Interaction (TOCHI)

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (303.62 KB)


Additional Information: [full citation](#), [abstract](#), [by](#), [index terms](#), [etc.](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 62, Download

For many purposes, the Web page is too small a unit of interaction and multimedia documents consisting of many pages, and users often are in the entire collections of topically related ...


Keywords: cocitation analysis, collaborative filtering, computer support for groupware, social filtering, social network analysis

11 Direct manipulation vs. interface agents

 Ben Shneiderman, Pattie Maes

November 1997 **interactions**, Volume 4 Issue 6

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (4.00 MB)

Additional Information: [full citation](#), [abstract](#), [by](#), [index terms](#), [etc.](#)


Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 417, Download

12 Taking the best from a company history - designing with interaction stories

 Tord Arne Grtland, Jacob Buur

August 2000 **DIS '00**: Proceedings of the 3rd conference on Designing interactive methods, and techniques

Publisher: ACM

Full text available:  [Pdf](#) (1.49 MB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 64, Downloads

In architecture and industrial design, the concept of style plays a major role in the historical inheritance and comparing alternative design expressions. design can benefit greatly ...


Keywords: interaction design, interaction style, quality in use, solid usability

13 [Beneath the surface of organizational processes: a social representation of redesign](#)

 [Gary Katzenstein, F. Javier Lerch](#)

October 2000 **Transactions on Information Systems (TOIS)** , Volume 18 Issue 4

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (2.02 MB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 172, Downloads

This paper raises the question, "What is an effective representation of a process? By combining our knowledge of existing process models with data from empirical studies, for an effective ...


Keywords: business process redesign, organizational change, process redesign

14 [Feline: fast elliptical lines for anisotropic texture mapping](#)

 [Joel McCormack, Ronald Perry, Keith J. Farkas, Norman P. Jouppi](#)

July 1999 **SI GGRAPH '99**: Proceedings of the 26th annual conference on Graphics interface and techniques

Publisher: ACM Press/Addison-Wesley Publishing Co.  [Request Permissions](#)


Full text available:  [Pdf](#) (5.55 MB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 56, Downloads


Keywords: anisotropic filtering, space-variant filtering, texture mapping

15 [Two methods for display of high contrast images](#)

 [Jack Tumblin, Jessica K. Hodgins, Brian K. Guenther](#)

January 1999 **Transactions on Graphics (TOG)** , Volume 18 Issue 1

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (10.28 MB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 92, Downloads


High contrast images are common in night scenes and other scenes that have bright light sources. These scenes are difficult to display because their contrasts greatly exceed the dynamic range of devices for images. As a result, ...

Keywords: adaptation, tone reproduction, visual appearance

16 [A methodology for testing spreadsheets](#)

 [Gregg Rothemel, Margaret Burnett, Lixin Li, Christopher Dupuis, Andre Si](#)
January 2001 **Transactions on Software Engineering and Methodology**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (353.65 KB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 79, Download

Spreadsheet languages, which include commercial spreadsheets and have a substantial impact on end-user computing. Research shows, however, that thus, we would like to provide at least some ...


Keywords: software testing, spreadsheets

17 [Social presence with video and application sharing](#)

 [Erin Bradner, Gloria Mark](#)

September 2001 **GROUP '01: Proceedings of the 2001 International ACM SIGGROUP Work**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (209.91 KB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 114, Download

We present two experimental studies examining the effects of videoconferencing performance. We studied performance on a cognitive reasoning task with video, one-way video and application ...


Keywords: application sharing, distance collaboration, social affordance

18 [Specification and dialogue control of visual interaction through visual](#)

 [P. Bottoni, M. F. Costabile, P. Mursio](#)

November 1999 **Transactions on Programming Languages and Systems**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (886.71 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 53, Download

Computers are increasingly being seen not only as computing tools but also as placing special emphasis on human-computer interaction (HCI). In this paper, the messages exchanged between ...

Keywords: control automaton, dialogue control, visual languages

19 [Interactive visualization of serial periodic data](#)


 [John V. Carlis, Joseph A. Konstan](#)

November 1998 **UIST '98: Proceedings of the 11th annual ACM symposium on User Interface Technology**

Publisher: ACM  [Request Permissions](#)

Full text available:

Additional Information:

 [Pdf](#) (254.26 KB)

[full citation, refere](#)


Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 103, Downl

Keywords: data visualization, information visualization, interactive dat

20 [A multi-view intelligent editor for digital video libraries](#)

 [Brad A. Myers, Juan P. Casares, Scott Stevens, Laura Dabbish, Dan Yocum](#)
January 2001 **JCDL '01**: Proceedings of the 1st ACM/IEEE-CS joint confer

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (7.73 MB)

Additional Information: [full citation, abstr](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 54, Downloa

Silver is an authoring tool that aims to allow novice users to edit di gital digital video as easy as text editing. Silver provides multiple coordinate subject, storyboard, ...

Keywords: digital video editing, informedia, multimedia authoring, silv

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